



DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**HCV ASSAY**

the specification of which (check one) \_\_\_\_\_ is attached hereto x was filed on **September 8, 2003**, as U.S. Patent Application Serial No. 10/658,782 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Yes</u>	<u>No</u>

I hereby claim the benefit under Title 35, United States Code, §120 and/or 119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application</u>		<u>Status</u>
<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented, Pending, Abandoned</u>
60/409,515	09-09-2002	Abandoned

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: PHILLIP ARCANGEL

Inventor's signature: 

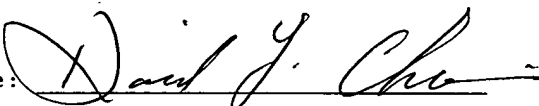
Date: 2/24/04

Residence: Richmond, California USA

Citizenship: United States

Post Office Address: c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

Full name of second inventor: DAVID CHIEN

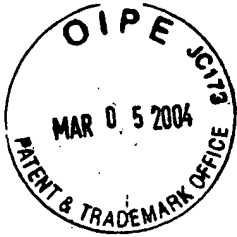
Inventor's signature: 

Date: Feb. 23, 2004

Residence: Alamo, California USA

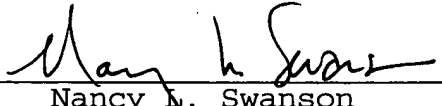
Citizenship: United States

Post Office Address: c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097



PATENT  
Atty. Docket No. PP-19199.002

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Nancy A. Swanson

3/2/04  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: P. ARCANGEL and D. CHIEN  
Confirmation No.: 7355  
U.S. Application No. 10/658,782  
Filing Date: September 8, 2003  
Group Art Unit: 1651  
Examiner: Unassigned  
For: HCV ASSAY

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Commissioner for Patents  
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Alexandria, VA 22313-1450

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

Sir:

CHIRON CORPORATION, a Corporation  
(Name of Assignee) Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest,  
or

**DO NOT FORWARD TO ASSIGNMENT BRANCH**

2. ☐ an assignee of an undivided part interest in the patent application/patent identified above by virtue of either:

A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The original Assignment was forwarded on February 25, 2004 to the Assignment Branch of the U.S. Patent and Trademark Office for recordation.

B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned is empowered to act on behalf of the assignee.

Signature: Marcella Lillis  
Name: Marcella Lillis  
Title: Assistant Secretary  
CHIRON CORPORATION

Date: 3-01-04

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Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)

RECORDATION FORM COVER SHEET  
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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Atty Docket No.: PP-019199.002

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

ARCANGEL, Phillip  
CHIEN, David

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: **Chiron Corporation**

Internal Address: Intellectual Property Dept., R-338

Street Address: 4560 Horton Street

City: **Emeryville** State: **CA** Zip: **94608-2916**

☐ Other

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other \_\_\_\_\_

Execution Date: February 24, 2004 and February 23, 2004

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent Registration No.(s)

**U.S. Patent Application No. 10/658,782**

Additional number(s) attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Chiron Corporation**

Internal Address: Intellectual Property, Mail Stop R-338

Street Address: 4560 Horton Street

City: **Emeryville** State: **CA** Zip: **94608-2916**

6. Total number of applications and patents involved **1**

7. Total fee (37 CFR 3.41)..... \$40.00

☒ Enclosed

☐ Authorized to be charged to deposit account,

8. Deposit account number:

**03-1664**

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

**Marcella Lillis (Reg. No. 36,583)**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **4**

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Mail documents to be recorded with required cover sheet information to:

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Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office, P. O. 1450, Alexandria, VA 22313-1450, on this

26<sup>th</sup> day of February, 2004.

By: May L. Swann

**ASSIGNMENT**

WHEREAS, We, **PHILLIP ARCANGEL** and **DAVID CHIEN**, hereinafter referred to as **ASSIGNORS**, have co-invented certain improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: HCV ASSAY  
Date of Execution: February 24, 2004 and February 23, 2004  
Filing Date: September 8, 2003  
Serial No: U.S. Patent Application No. 10/658,782

WHEREAS, **CHIRON CORPORATION**, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNORS** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNORS** have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. § 119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNORS** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

**ASSIGNORS** also agree that the U.S. serial number and the filing date may be entered above by **ASSIGNEE** or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.

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**ASSIGNORS** further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

IN TESTIMONY WHEREOF, **ASSIGNORS** have hereunto signed their names to this assignment on the dates indicated below.

INVENTOR: PHILLIP ARCANGEL

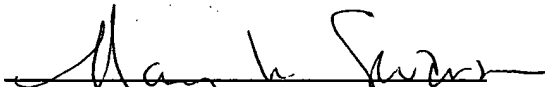
DATE 2/24/04

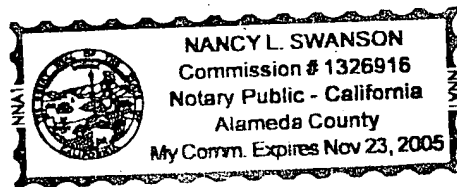
  
Signature

State of California  
County of Alameda

On 2/24/04 before me, Nancy Swanson, Notary Public, personally appeared Phillip Arcangel, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)-acted, executed the instrument.

WITNESS my hand and official seal.

  
Signature of Notary Public



Notary Seal

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INVENTOR: DAVID CHIEN

DATE Feb. 23, 2004

David Y. Chien  
Signature

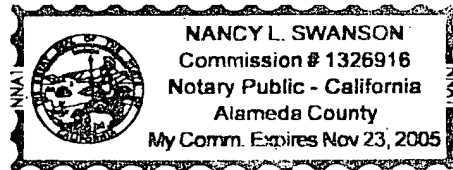
State of California

County of Alameda

On 2/23/04 before me, Nancy L. Swanson, Notary Public, personally appeared David Y. Chien, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Nancy L. Swanson  
Signature of Notary Public



Notary Seal

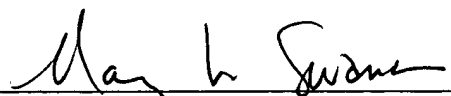
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PATENT  
Atty. Docket No. PP-19199.002

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Nancy L. Swanson

3 | 2 | 2004  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: P. ARCANGEL and D. CHIEN  
Confirmation No.: 7355  
U.S. Application No. 10/658,782  
Filing Date: September 8, 2003  
Group Art Unit: 1651  
Examiner: Unassigned  
For: HCV ASSAY

**POWER OF ATTORNEY FOR PATENT APPLICATION**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

As assignee of record of the above-identified application, I hereby appoint the following as my attorneys with full power of substitution to prosecute this application and transact all business in the patent office connected therewith:

Comprising Chiron Corporation, Emeryville, California:

<u>Name</u>	<u>Reg. No.</u>	<u>Name</u>	<u>Reg. No.</u>
Lisa E. Alexander	41,576	Robert P. Blackburn	30,447
Steven W. Collier	42,429	Young J. Suh	41,337
Rebecca M. Hale	45,680	Alisa A. Harbin	33,895
Charlene A. Launer	33,035	Marcella Lillis	36,583
Michael J. Moran	42,013	T. Helen Payne	36,889

Comprising the firm of Robins & Pasternak LLP, Palo Alto, California:

Roberta L. Robins  
Registration No. 33,208

Dahna S. Pasternak  
Registration No. 41,411

Please direct all telephone calls regarding this application to Roberta L. Robins at Robins & Pasternak LLP: Telephone (650) 493-3400; Facsimile (650) 493-3440.

Address for ALL Correspondence:

Chiron Corporation  
Intellectual Property  
P.O. Box 8097  
Emeryville, CA 94662-8097

CHIRON CORPORATION

By: Marcella Lillis  
Marcella Lillis  
Assistant Secretary

Dated this 1<sup>st</sup> day of March, 2004